

Consultation Response from KC, Lead Local Flood Authority		
2021/92488 Huddersfield Royal Infirmary, Acre Street, Lindley, Huddersfield, HD3 3EA		
Erection of clinical building to accommodate new accident and emergency Department, associated vehicular access, car and cycle parking spaces, plant and landscaping		
Date Responded: 19 July 2021	Responding Officer: Aleksandra Tomczyk	Responding Ref: 0

Summary

Kirklees Flood Management and Drainage, as the Lead Local Flood Authority (LLFA), OBJECT to this planning application and require FURTHER INFORMATION is provided on management and maintenance of surface water drainage features.

Kirklees LLFA also offer the below additional information and comments.

Kirklees records

The proposed development site slopes from approximately 192mAOD in the west, to approximately 187mAOD in the east. There are no watercourses within or in proximity to the site. There is a network of combined public sewers in the area, including along Savile Road (southern site boundary) and Acre Street (west of the site).

The site is within Flood Zone 1, according to the Environment Agency's *Flood map for planning*. The Environment Agency's *Long term flood risk map* shows an area of low surface water flooding along the northern site boundary.

Records show this area is likely to be feasible for infiltration features.

Additional comments

The applicant submitted the following relevant documents:

- *Design and Access Statement*, prepared by IBI Group, dated June 2021;
- *Drainage Design Commentary*, prepared by Mott Macdonald, reference HG0052-MMD-00-XX-RP-D-0001, revision P02, dated 15/06/2021;
- Drawing *Existing Site Topography*, prepared by IBI Group, number HG0052-IBI-ED-ZZ-PL-A-100006, revision P02, dated 08/06/21;
- Drawing *Site Location Plan*, prepared by IBI Group, number HG0052-IBI-ED-XX-PL-A-100004, revision P02, dated 20/04/21;
- Drawing *Existing Site Plan*, prepared by IBI Group, number HG0052-IBI-ED-ZZ-PL-A-100005, revision P02, dated 08/06/21; and
- Drawing *Proposed Site Plan*, prepared by IBI Group, number HG0052-IBI-ED-ZZ-PL-A-100003, revision P14, dated 15/06/2021.

Flood Risk Assessment

As per the Planning Practice Guidance, this development does not require a site specific Flood Risk Assessment to be submitted as part of the planning application. However, the applicant needs to ensure that the design of the site takes into account any sources of flood risk, and consideration for any identified risks is accommodated in the design.

Surface Water Drainage Management

Kirklees LLFA have no objection to the proposed discharge rate (40.1l/s) and discharge point.

The applicant should provide information on how the attenuation features will be maintained, to ensure that the porosity (and therefore capacity) does not get smaller.

Informative

Section 38 road adoption by Kirklees as a Highway Authority cannot take place unless sewerage located under the carriage way is adopted first. Therefore, all structures under an adoptable

carriageway would need to meet the standards as set out by the statutory undertaker, including but not limited to *Design & Construction Guidance** and Yorkshire Water local guidance and any subsequent updates.

As part of a Section 106 agreement the Council are required to ensure the site is managed in a safe and suitable way up until adoption by a regulatory body. This requirement should also apply to drainage on the site, during the build out a management and maintenance plan including responsible management company must be secured. This should be enforced until adoption **and continued for the life of the development if adoption fails**. Adoption can fail at any step in the development process from concept design to site inspection post construction.

**Design & Construction Guidance has replaced 'Sewers for Adoption' giving provision for Sewerage Undertaker to adopt SuDS features and facilities.*